Claims

1. A packaging laminate comprising an impermeable outer layer; an inner layer having a gas transmission rate greater than that of said outer layer; and an adhesive layer in contact between said outer and inner layers to form said packaging laminate, wherein said adhesive layer comprises an adhesive resin, a curing agent and a butylated phenolic antioxidant.

2. The packaging laminate of claim 1 wherein the outer layer is selected from a group consisting of: polyvinylidene chloride (PVDC) coated PET OPP, aluminum coated PET, PE, OPP, nylon, aluminum oxide PET, OPP, PE, acrylic coated OPP and PET, layers thereof, coatings thereof, and combinations thereof.

3. The packaging laminate of claim 1 wherein said adhesive resin is selected from a group consisting of: polyether, polyester, and polyurethane.

4. The packaging laminate of claim 1 wherein said curing agent is selected from a group consisting of: polyamines, polyols, isocyanates, and organometallics.

5. The packaging laminate of claim 1 wherein said butylated phenolic antioxidant is selected from a group consisting of butylated hydroxytoluene and butylated hydroxyanisole.

6. A process of forming a packaging laminate comprising the step of sandwiching a solventless adhesive material comprising an adhesive resin, a curing agent, and a butylated phenolic antioxidant between two thin polymeric film substrates.

7. The process of claim 6 wherein said adhesive material further comprises an additive selected from the group consisting of: a plasticizer, a filler, and a pigment.

8. The process of claim 6 wherein sandwiching occurs at a temperature less than 400°F.

9. The process of claim 8 wherein the temperature is between 50° and 200°F.

10. An adhesive mixture comprising: an adhesive resin, a curing agent and a butylated phenolic antioxidant.

11. An antioxidant adhesive film comprising: a cured adhesive resin and a butylated phenolic antioxidant present in a concentration of between 1000 and 300,000 parts per million.

12. A resealable package closure comprising:

a package having an outer layer forming sides and an interior volume; and

a flap extending from at least one side of said package, said flap having an antioxidant adhesive applied to a surface of said flap wherein said adhesive comprises a cured adhesive resin having a vapor transmission rate of greater than 0.2 grams per 100 square inches per day at 70°F; and a butylated phenolic antioxidant present in a concentration of between 1000 and 100,000 parts per million such that said adhesive resealably attaches to a portion of said package.